



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02625

Wednesday December 13, 2023

Satellite Communications Services Information

re: Actions Taken

The Commission, by its Space Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-ASG-20230920-02196 E E060297 Good Karma Brands Milwaukee, LLC

Application for Consent to Assignment

Withdrawn

Date Effective: 12/07/2023

Current Licensee: Good Karma Brands Milwaukee, LLC

FROM: GOOD KARMAN BRANDS MILWAUKEE, LLC

TO: Good Karma Broadcasting, LLC

No. of Station(s) listed: 2

SES-LIC-20201026-01177 E E202180 GUSA Licensee LLC

Application for Authority

12/05/2023 - 12/05/2038

Grant of Authority

Date Effective: 12/05/2023

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: REN1

LOCATION: 3135 Waltham Way, Storey, McCarran, NV

39 ° 33 ' 17.00 " N LAT.

119 ° 29 ' 54.00 " W LONG.

ANTENNA ID: REN1

6 meters

Cobham SATCOM

SeaTel Tracker T6000

5091.0000 - 5092.0000 MHz

76K0F2D

68.00 dBW

FM subcarrier on telecommand carrier

6875.9500 - 6877.1500 MHz

7K00G1D

Telemetry carrier

5096.0000 - 5250.0000 MHz

1M23XXX

59.00 dBW

White noise modulated carrier for testing

6900.0000 - 7055.0000 MHz

1M23XXX

White noise modulated carrier for testing

5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing
6900.0000 - 7055.0000 MHz	N0N		Unmodulated CW for testing
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA/voice and data
6900.0000 - 7055.0000 MHz	1M23G7W		CDMA/voice and data
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz	1M23G2W		CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz	2M50G2D		Direct sequence CDMA for single-carrier telemetry data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	CDMA/voice and data
6900.0000 - 7055.0000 MHz	2M46G7W		CDMA/voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz	2M46G2W		CDMA/for single-carrier AMSS
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	Telecommand carrier
6875.9000 - 6879.1000 MHz	70K0G7D		Telemetry carrier
6900.0000 - 7055.0000 MHz	200KG7D		Burst mode packet data with BPSK modulation
5096.0000 - 5250.0000 MHz	4M50G7D	72.20 dBW	Burst mode packet data with BPSK modulation
6900.0000 - 7055.0000 MHz	2M50G7D		Direct sequence CDMA for single-carrier telemetry data
6900.0000 - 7055.0000 MHz	230KG7D		Burst mode packet data with BPSK modulation
6900.0000 - 7055.0000 MHz	280KG7D		Burst mode packet data with BPSK modulation

Points of Communication:

REN1 - GLOBALSTAR (S2115) - (NGSO)

REN1 - GLOBALSTAR 2.0 - (NGSO)

SES-LIC-20201026-01178

E E202181

GUSA Licensee LLC

Application for Authority

12/05/2023 - 12/05/2038

Grant of Authority

Date Effective: 12/05/2023

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

SITE ID: REN3

LOCATION: 3135 Waltham Way, Storey, McCarran, NV

39 ° 33 ' 17.00 " N LAT.

119 ° 29 ' 50.00 " W LONG.

ANTENNA ID:	REN3	6 meters	Cobham SATCOM	SeaTel Tracker T6000
5091.0000 - 5092.0000 MHz		76K0F2D	68.00 dBW	FM subcarrier on telecommand carrier
6875.9500 - 6877.1500 MHz		7K00G1D		Telemetry carrier
5096.0000 - 5250.0000 MHz		1M23XXX	59.00 dBW	White noise modulated carrier for testing
6900.0000 - 7055.0000 MHz		1M23XXX		White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz		N0N	59.00 dBW	Unmodulated CW for testing
6900.0000 - 7055.0000 MHz		N0N		Unmodulated CW for testing
5096.0000 - 5250.0000 MHz		1M23G7W	55.00 dBW	CDMA/voice and data
6900.0000 - 7055.0000 MHz		1M23G7W		CDMA/voice and data
5096.0000 - 5250.0000 MHz		1M23G2W	55.00 dBW	CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz		1M23G2W		CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz		2M50G2D		Direct sequence CDMA for single-carrier telemetry data
5096.0000 - 5250.0000 MHz		2M46G7W	55.00 dBW	CDMA/voice and data
6900.0000 - 7055.0000 MHz		2M46G7W		CDMA/voice and data
5096.0000 - 5250.0000 MHz		2M46G2W	55.00 dBW	CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz		2M46G2W		CDMA/for single-carrier AMSS
5091.3800 - 5091.6200 MHz		40K0G2D	68.00 dBW	Telecommand carrier
6875.9000 - 6879.1000 MHz		70K0G7D		Telemetry carrier
6900.0000 - 7055.0000 MHz		200KG7D		Burst mode packet data with BPSK modulation
5096.0000 - 5250.0000 MHz		4M50G7D	72.20 dBW	Burst mode packet data with BPSK modulation
6900.0000 - 7055.0000 MHz		2M50G7D		Direct sequence CDMA for single-carrier telemetry data

6900.0000 - 7055.0000 MHz	230KG7D	Burst mode packet data with BPSK modulation
6900.0000 - 7055.0000 MHz	280KG7D	Burst mode packet data with BPSK modulation
Points of Communication:		
REN3 - GLOBALSTAR (S2115) - (NGSO)		
REN3 - GLOBALSTAR 2.0 - (NGSO)		
SES-LIC-20201026-01179	E E202182	GUSA Licensee LLC
Application for Authority		12/05/2023 - 12/05/2038
Grant of Authority		Date Effective: 12/05/2023
Class of Station:	Fixed Earth Stations	
Nature of Service:	Mobile Satellite Service	
SITE ID:	REN2	
LOCATION:	3135 Waltham Way, Storey, McCarran, NV	
	39 ° 33 ' 17.00 " N LAT.	119 ° 29 ' 52.00 " W LONG.
ANTENNA ID:	REN2	6 meters
	Cobham SATCOM	SeaTel Tracker T6000
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW
		FM subcarrier on telecommand carrier
6875.9500 - 6877.1500 MHz	7K00G1D	
		Telemetry carrier
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW
		White noise modulated carrier for testing
6900.0000 - 7055.0000 MHz	1M23XXX	
		White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW
		Unmodulated CW for testing
6900.0000 - 7055.0000 MHz	N0N	
		Unmodulated CW for testing
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW
		CDMA/voice and data
6900.0000 - 7055.0000 MHz	1M23G7W	
		CDMA/voice and data
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW
		CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz	1M23G2W	
		CDMA/for single-carrier AMSS
6900.0000 - 7055.0000 MHz	2M50G2D	
		Direct sequence CDMA for single-carrier telemetry data
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW
		CDMA/voice and data
6900.0000 - 7055.0000 MHz	2M46G7W	
		CDMA/voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW
		CDMA/for single-carrier AMSS

6900.0000 - 7055.0000 MHz	2M46G2W		CDMA/for single-carrier AMSS
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	Telecommand carrier
6875.9000 - 6879.1000 MHz	70K0G7D		Telemetry carrier
6900.0000 - 7055.0000 MHz	200KG7D		Burst mode packet data with BPSK modulation
5096.0000 - 5250.0000 MHz	4M50G7D	72.20 dBW	Burst mode packet data with BPSK modulation
6900.0000 - 7055.0000 MHz	2M50G7D		Direct sequence CDMA for single-carrier telemetry data
6900.0000 - 7055.0000 MHz	230KG7D		Burst mode packet data with BPSK modulation
6900.0000 - 7055.0000 MHz	280KG7D		Burst mode packet data with BPSK modulation

Points of Communication:

REN2 - GLOBALSTAR (S2115) - (NGSO)

REN2 - GLOBALSTAR 2.0 - (NGSO)

SES-LIC-20210719-01105	E E210149	Viasat, Inc.	12/07/2023 - 12/07/2038
Application for Authority			Date Effective: 12/07/2023
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SAN 1.8 m
LOCATION: 7949 HWY 57, Wilkinson, McIntyre, GA
32 ° 50 ' 31.88 " N LAT. 83 ° 16 ' 4.30 " W LONG.

ANTENNA ID:	SAN 1	1.87 meters	Viasat	13138xx
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27500.0000 - 28350.0000 MHz	464MG7D	59.90 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier
17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier

17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier
17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier

Points of Communication:

SAN 1.8 m - ViaSat-3(S2917/3050 - (88.9 W.L.))

SES-LIC-20210719-01106	E E210150	Viasat, Inc.	12/07/2023 - 12/07/2038
Application for Authority			Date Effective:
Grant of Authority			12/07/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SAN 2.4 m

LOCATION: 4680 Old Hwy 51, Union, Cobden, IL
37 ° 31 ' 18.84 " N LAT.

89 ° 15 ' 15.79 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat	13001xx
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17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier
17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier
17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier
17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
27500.0000 - 28350.0000 MHz	464MG7D	59.80 dBW	464 MBd digital data carrier

Points of Communication:

SAN 2.4 m - ViaSat-3(S2917/3050 - (88.9 W.L.))

SES-LIC-20210719-01117	E E210160	Viasat, Inc.	12/07/2023 - 12/07/2038
Application for Authority			Date Effective:
Grant of Authority			12/07/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3883 N. U.S Highway 33 (SAN 1.8 m.), Adams, Decatur, IN
40 ° 48 ' 13.80 " N LAT. 84 ° 52 ' 49.86 " W LONG.

ANTENNA ID:	SAN 1	1.87 meters	Viasat	13138xx
27500.0000 - 28350.0000 MHz		464MG7D	59.90 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz		325MG7D	58.30 dBW	325 MBd (325MHz) digital data carrier
17700.0000 - 18300.0000 MHz		464MG7D	0.00 dBW	464 MBd digital data carrier
17700.0000 - 18300.0000 MHz		320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz		160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz		80M0G7D	0.00 dBW	80 MBd digital data carrier
17700.0000 - 18300.0000 MHz		40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz		20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz		10M0G7D	0.00 dBW	10 MBd digital data carrier
17700.0000 - 18300.0000 MHz		5M00G7D	0.00 dBW	5 MBd digital data carrier

Points of Communication:

1 - ViaSat-3(S2917/3050 - (88.9 W.L.)

SES-LIC-20210719-01132	E E210174	Viasat, Inc.	12/07/2023 - 12/07/2038
Application for Authority			Date Effective: 12/07/2023
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SAN 2.4 m

LOCATION: 10142 US 42, Union, Marysville, OH
40 ° 9 ' 27.09 " N LAT. 83 ° 14 ' 2.20 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat	13001xx
17700.0000 - 18300.0000 MHz		5M00G7D	0.00 dBW	5 MBd digital data carrier
17700.0000 - 18300.0000 MHz		80M0G7D	0.00 dBW	80 MBd digital data carrier
17700.0000 - 18300.0000 MHz		10M0G7D	0.00 dBW	10 MBd digital data carrier

17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
27500.0000 - 28350.0000 MHz	464MG7D	59.80 dBW	464 MBd digital data carrier

Points of Communication:

SAN 2.4 m - ViaSat-3(S2917/3050 - (88.9 W.L.))

SES-LIC-20210719-01171 E E210212 Viasat, Inc.

Application for Authority

12/12/2023 - 12/12/2038

Grant of Authority

Date Effective: 12/12/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SAN 1.8 m

LOCATION: 907 S. Jonesville Rd, Bartholomew, Columbus, IN
39 ° 9 ' 46.32 " N LAT.

85 ° 55 ' 30.23 " W LONG.

ANTENNA ID: SAN 1 1.87 meters Viasat 13138xx

17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier
17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier
17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
27500.0000 - 28350.0000 MHz	464MG7D	59.90 dBW	464 MBd digital data carrier
17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier

Points of Communication:

SAN 1.8 m - ViaSat-3(S2917/3050 - (88.9 W.L.)

SES-LIC-20230929-02217 E E230161 The Satellite Center, Inc.

Application for Authority

12/12/2023 - 12/12/2038

Grant of Authority

Date Effective: 12/12/2023

Class of Station: Temporary Fixed Earth Station**Nature of Service:** Fixed Satellite Service

SITE ID: TES AVL 2.4

LOCATION: United States

ANTENNA ID: TES AVL2.4 2.4 meters AVL Technologies 2400K

14000.0000 - 14500.0000 MHz 36MOG7W 76.62 dBW Modulation and Services Compressed Digital Video and Audio

Points of Communication:

TES AVL 2.4 - PERMITTED LIST - ()

SES-LIC-20231025-02264 E E230167 GCI Communication Corp.

Application for Authority

12/12/2023 - 12/12/2038

Grant of Authority

Date Effective: 12/12/2023

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: Golovin 4165

LOCATION: Rounia Loop, Nome, Golovin, AK

64 ° 32 ' 44.70 " N LAT.

163 ° 1 ' 37.32 " W LONG.

ANTENNA ID: 1 3.8 meters GD Satcom 2385

3700.0000 - 4200.0000 MHz 45K0G7W - Phase Modulated Voice, Video, and data services

3700.0000 - 4200.0000 MHz 108MG7W Phase Modulated Voice, Video, and data services

3700.0000 - 4200.0000 MHz 45K0D7W - Amplitude and Angle Modulated Voice, Video, and data services

3700.0000 - 4200.0000 MHz 108MD7W Amplitude and Angle Modulated Voice, Video, and data services

5925.0000 - 6425.0000 MHz 45K0G7W 54.31 dBW Phase Modulated Voice, Video, and data services

5925.0000 - 6425.0000 MHz 108MG7W 69.51 dBW Phase Modulated Voice, Video, and data services

5925.0000 - 6425.0000 MHz	45K0D7W -	54.31 dBW	Amplitude and Angle Modulated Voice, Video, and data services
5925.0000 - 6425.0000 MHz	108MD7W	69.51 dBW	Amplitude and Angle Modulated Voice, Video, and data services

Points of Communication:

Golovin 4165 - PERMITTED LIST - ()

SES-LIC-20231030-02277 E E230169 State Farm Mutual Automobile Insurance Company, on behalf of itself, its subsidi
Application for Authority 12/12/2023 - 12/12/2038
Grant of Authority Date Effective: 12/12/2023

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: VSAT Network
LOCATION: CONUS, HI, AK, PR, USVI

ANTENNA ID:	1.2m	1.2 meters	AVL	1258
11700.0000 - 12200.0000 MHz		1M50G7D		Digital Data carrier
11700.0000 - 12200.0000 MHz		3M50G7D		Digital Data carrier
14000.0000 - 14500.0000 MHz		1M50G7D	52.50 dBW	Digital Data carrier
14000.0000 - 14500.0000 MHz		3M50G7D	52.50 dBW	Digital Data carrier
ANTENNA ID:	1.8m	1.8 meters	General Dynamics	1184
11700.0000 - 12200.0000 MHz		1M50G7D		Digital Data carrier
11700.0000 - 12200.0000 MHz		3M50G7D		Digital Data carrier
14000.0000 - 14500.0000 MHz		1M50G7D	55.50 dBW	Digital Data carrier
14000.0000 - 14500.0000 MHz		3M50G7D	55.50 dBW	Digital Data carrier
ANTENNA ID:	2.4m	2.4 meters	General Dynamics	1259
11700.0000 - 12200.0000 MHz		1M50G7D		Digital Data carrier
11700.0000 - 12200.0000 MHz		3M50G7D		Digital Data carrier
14000.0000 - 14500.0000 MHz		1M50G7D	58.20 dBW	Digital Data carrier
14000.0000 - 14500.0000 MHz		3M50G7D	58.20 dBW	Digital Data carrier

SITE ID: Hub
LOCATION: 2101 E. Ireland Grove Road, McLean, Bloomington, IL
40 ° 27 ' 30.00 " N LAT. 88 ° 57 ' 39.00 " W LONG.

ANTENNA ID:	Hub	6.3 meters	Vertex	KXX
11700.0000 - 12200.0000 MHz		2M83G7D		Digital Data carrier
11700.0000 - 12200.0000 MHz		5M40G7F		Digital Data carrier
11700.0000 - 12200.0000 MHz		7M23G7D		Digital Data carrier
14000.0000 - 14500.0000 MHz		2M83G7D	58.00 dBW	Digital Data carrier
14000.0000 - 14500.0000 MHz		5M40G7F	60.50 dBW	Digital Data carrier
14000.0000 - 14500.0000 MHz		7M23G7D	61.00 dBW	Digital Data carrier

Points of Communication:

Hub - PERMITTED LIST - ()

VSAT Network - PERMITTED LIST - ()

SES-LIC-20231031-02327	E	E230172	WVTM Hearst Television Inc.	12/12/2023 - 12/12/2038
Application for Authority				Date Effective:
Grant of Authority				12/12/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: WVTM-TV Sat Truck
LOCATION: Conterminous United States

ANTENNA ID:	1	1.2 meters	Sat-Lite	1256
11700.0000 - 12200.0000 MHz		36M0G7W		Digital video, digital audio, and data
14000.0000 - 14500.0000 MHz		36M0G7W	63.40 dBW	Digital video, digital audio, and data

Points of Communication:

WVTM-TV Sat Truck - PERMITTED LIST - ()

SES-MOD-20221222-01462	E	E202144	SpaceX Services, Inc.	07/12/2021 - 07/12/2036
Application for Modification				Date Effective:
Grant of Authority				12/12/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Punta Gorda FL Gatew
LOCATION: Charlotte, Punta Gorda, FL
27 ° 1 ' 10.80 " N LAT.

81 ° 45 ' 43.30 " W LONG.

ANTENNA ID:	CO-1	1.47 meters	SpaceX	1.47M
29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data	
27500.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data	
18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data	
17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data	

Points of Communication:

Punta Gorda FL Gatew - SPACEX (S2983/3018) - (NGSO)

Punta Gorda FL Gatew - SpaceX GEN2 (S3069) - (NGSO)

SES-RWL-20230329-00474 E E980180 DISH Broadcasting Corporation
Renewal
Grant of Authority

05/29/2023 - 05/29/2038
Date Effective: 12/06/2023

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Fixed Satellite Service

SITE ID: 1
LOCATION: 801 N. DISH DRIVE, MARICOPA, GILBERT, AZ
33 ° 21 ' 56.50 " N LAT.

111 ° 48 ' 48.20 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13 KPK
17790.0000 - 17800.0000 MHz	800KG2D	72.31 dBW	TELECOMMAND	
17300.0000 - 17800.0000 MHz	24M0G7W	87.08 dBW	DIGITAL VIDEO, VOICE AND DATA	
17300.0000 - 17310.0000 MHz	800KG2D	72.31 dBW	TELECOMMAND	
12690.0000 - 12700.0000 MHz	800KG2D		TELEMETRY	
12200.0000 - 12700.0000 MHz	24M0G7W		DIGITAL VIDEO, VOICE AND DATA	
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	TELEMETRY	

Points of Communication:

1 - CIEL 2 - (128.85 W.L.)

1 - ECHOSTAR/DISH - ()

1 - NIMIQ 5 - (72.7 W.L.)

1 - QUETZAL-1 (E090020) - (77 W.L.)

SES-RWL-20231114-02442 E E880612 PSSI Global Services LLC

Renewal

12/07/2023 - 12/07/2038

Grant of Authority

Date Effective: 12/12/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4415 WAGON TRAIL AVE. (COLUMBIA), VARIOUS

ANTENNA ID: 1 2.4 meters RSI 240 KVO

14000.0000 - 14500.0000 MHz 4M00G7F 52.68 dBW DIGITAL TV WITH ASSOCIATED AUDIO

14000.0000 - 14500.0000 MHz 36M0G7F 73.47 dBW DIGITAL TV WITH ASSOCIATED AUDIO

11700.0000 - 12200.0000 MHz 4M00G7F DIGITAL TV WITH ASSOCIATED AUDIO

11700.0000 - 12200.0000 MHz 36M0G7F DIGITAL TV WITH ASSOCIATED AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20231204-02476 E E980469 Scripps Broadcasting Holdings LLC

Renewal

01/27/2024 - 01/27/2039

Grant of Authority

Date Effective: 12/06/2023

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 515 N. GATEWAY BLVD, (KNXV-TV), MARICOPA, PHOENIX, AZ
33 ° 27 ' 16.00 " N LAT. 111 ° 59 ' 0.20 " W LONG.

ANTENNA ID: 1 4.6 meters ANDREW CORP ESA46-124

14000.0000 - 14500.0000 MHz 36M0F3F 74.20 dBW WIDEBAND 36 MHz CARRIER FOR VIDEO TRANSMISSIONS

14000.0000 - 14500.0000 MHz 36M0G7W 47.20 dBW ONE 36Mbit MCPC DIGITAL CARRIER FOR VIDEO/VOICE/DATA

11700.0000 - 12200.0000 MHz 36M0F3F

11700.0000 - 12200.0000 MHz 36M0G7W

Points of Communication:**1 - PERMITTED LIST - ()**

SES-STA-20230505-00982 E E210432 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, SpaceX Services, Inc. was granted special temporary authority for 180 days, beginning on December 10, 2023 through June 6, 2024, to operate its fixed gateway earth station in Columbus, OH to communicate with the non-geostationary orbit (NGSO) Starlink satellite system (S3069 and S2983/S3018) in the 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth), and 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space) frequency bands.

Points of Communication:**SES-STA-20230802-01929** E E202173 ATLAS Space Operations, Inc

Special Temporary Authority

Grant of Authority

Date Effective: 12/07/2023

Class of Station:

On December 7, 2023, ATLAS Space Operations, Inc was granted special temporary authority beginning on December 7, 2023 through January 5, 2024, to operate its fixed earth station in Utqiagvik, AK to provide telemetry, tracking, and control (TT&C) functions for the FalconSat-6 (SPS-21202/4) satellite at the 2109.75 MHz (Earth-to-space), and 2288 MHz (space-to-Earth) center frequencies.

Points of Communication:**SES-STA-20230929-02173** E E160037 Spire Global, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in Naalehu, HI to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:**SES-STA-20230929-02175** E E160041 Spire Global, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in Dallas, TX to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:

SES-STA-20230929-02177 E E160033 Spire Global, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in Boulder, CO to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:

SES-STA-20230929-02181 E E160038 Spire Global, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in Piti, GU to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:

SES-STA-20230929-02183 E E160039 Spire Global, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in King, WA to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:

SES-STA-20230929-02185 E E160044 Spire Global, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in St. Croix, USVI to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:

SES-STA-20230929-02187 E E170148 Spire Global, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. ("Spire") was granted a 180-day special temporary authority (STA), commencing December 08, 2023, through June 04, 2024, to use its earth station located in Juneau, AK (Call Sign E170148) to provide telemetry, tracking, and command (TT&C) and data downlink services. The antennas will communicate with the experimental Mango Two satellite (Call Sign WW9XGO). Operations will be performed at the following frequencies: 402.79 MHz and 2022.5 MHz (space-to-Earth) and 402.79 MHz (Earth-to-space).

Points of Communication:

SES-STA-20230929-02189 E E170149 Spire Global, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. ("Spire") was granted a 180-day special temporary authority (STA), commencing December 08, 2023, through June 04, 2024, to use its earth station located in Tucson, AZ (Call Sign E170149) to provide telemetry, tracking, and command (TT&C) and data downlink services. The antennas will communicate with the experimental Mango Two satellite (Call Sign WW9XGO). Operations will be performed at the following frequencies: 402.79 MHz and 2022.5 MHz (space-to-Earth) and 402.79 MHz (Earth-to-space).

Points of Communication:

SES-STA-20230929-02192 E E170150 Spire Global, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in Duluth, MN to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:

SES-STA-20230929-02193 E E170171 Spire Global, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. was granted special temporary authority for 180 days, beginning on December 8, 2023 through June 4, 2024, to use its fixed earth station in Charlotte, NC to provide telemetry, tracking, and command (TT&C) and data downlink services for the experimental Mango Two satellite (WW9XGO) at the 402.79 MHz and 2022.5 MHz (space-to-Earth), and 402.79 MHz (Earth-to-space) center frequencies.

Points of Communication:

SES-STA-20230929-02194 E E160032 Spire Global, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 12/08/2023

Class of Station:

On December 8, 2023, Spire Global, Inc. ("Spire") was granted a 180-day special temporary authority (STA), commencing December 08, 2023, through June 04, 2024, to use its earth station located in Freeport, PA (Call Sign E160032) to provide telemetry, tracking, and command (TT&C) and data downlink services. The antennas will communicate with the experimental Mango Two satellite (Call Sign WW9XGO). Operations will be performed at the following frequencies: 402.79 MHz and 2022.5 MHz (space-to-Earth) and 402.79 MHz (Earth-to-space).

Points of Communication:

SES-STA-20231016-02249 E E190037 ATLAS Space Operations, Inc
Special Temporary Authority
Grant of Authority

Date Effective: 12/07/2023

Class of Station:

On December 7, 2023, ATLAS Space Operations, Inc ("ATLAS"), was granted an additional 30-day special temporary authority (STA), commencing December 7, 2023, through January 5, 2024, to operate its earth station located in Dededo, Guam (Call Sign E190037) to provide additional telemetry, tracking, and control (TT&C) support to the NGSO YAM-5 (Call Sign S3147) satellite using center frequency 2070 MHz (Earth-to-space).

Points of Communication:

SES-STA-20231207-02505 E E190037 ATLAS Space Operations, Inc
Special Temporary Authority
Grant of Authority

Date Effective: 12/12/2023

Class of Station:

On December 12, 2023, ATLAS Space Operations, Inc was granted special temporary authority for 30 days, beginning on December 12, 2023 through January 10, 2024, to operate its fixed earth station in Dededo, Guam to provide telemetry, tracking, and control (TT&C) functions for the FalconSat-X (SPS26353/1) satellite at the 2109.75 MHz (Earth-to-space), and 2288 MHz (space-to-Earth) center frequencies.

Points of Communication:

SES-STA-20231207-02506 E E202173 ATLAS Space Operations, Inc
Special Temporary Authority
Grant of Authority

Date Effective: 12/12/2023

Class of Station:

On December 12, 2023, ATLAS Space Operations, Inc was granted special temporary authority for 30 days, beginning on December 12, 2023 through January 10, 2024, to operate its fixed earth station in Utqiagvik, AK to provide telemetry, tracking, and control (TT&C) functions for the FalconSat-X (SPS26353/1) satellite at the 2109.75 MHz (Earth-to-space), and 2288 MHz (space-to-Earth) center frequencies.

Points of Communication:

SES-STA-20231207-02507 E E202173 ATLAS Space Operations, Inc
Special Temporary Authority
Grant of Authority

Date Effective: 12/12/2023

Class of Station:

On December 12, 2023, ATLAS Space Operations, Inc was granted special temporary authority for 30 days, beginning on December 12, 2023 through January 10, 2024, to operate its fixed earth station in Utqiagvik, AK to provide telemetry, tracking, and control (TT&C) functions for the FalconSat-X (SPS26353/1) satellite at the 2109.75 MHz (Earth-to-space), and 2288 MHz (space-to-Earth) center frequencies.

Points of Communication:

For more information concerning this Notice, contact the Earth Station Licensing Division at (202) 418-0719.